

Application No: 10/666,861 Docket No.: Q137-US2

Page 2

IN THE CLAIMSRECEIVED
CENTRAL FAX CENTER
OCT 31 2006

1. (currently amended) An electric storage battery, comprising including:
a case ~~comprising a peripheral wall~~ defining an interior volume; and
an electrode assembly ~~mounted in the said interior volume, the said electrode assembly including:~~ including
an electrically conductive elongate pin; pin, and
first and second ~~opposite-polarity~~ electrode strips wound together around
the pin to form a spiral roll, each electrode strip having inner and outer ends,
wherein the said first electrode strip being is electrically coupled to the
said pin at said inner end; and
a hollow an elongate mandrel closely fitted around the said pin.
2. (currently amended) The battery of claim + 1, wherein the said pin extends from the interior volume through the case exteriorly of case peripheral wall such that the pin is configured to function as a first battery terminal.
3. (currently amended) The battery of claim + 1, wherein the said mandrel is electrically coupled to the said pin.
4. (currently amended) The battery of claim + 1, wherein at least one weld directly connects the said first electrode strip inner end is directly connected to the said pin by at least one weld.
5. (currently amended) The battery of claim + 1, wherein the said pin consists of a PtIr alloy.
6. (currently amended) The battery of claim + 1, further comprising:
a first end cap mounted on the said pin,
the said first end cap including an electrical insulator, insulator, and
wherein

Application No: 10/666,861 Docket No.: Q137-US2

Page 3

the pin extending said pin extends through the electrical insulator, and
the pin being is hermetically sealed to the said end-cap electrical insulator.

7. (currently amended) The battery of claim 1, wherein the said mandrel defines an elongate slot and the slot; and wherein said first electrode strip extends through the said mandrel slot.

8. (currently amended) The battery of claim 1, wherein a weld attaches the said mandrel is welded to the said pin.

9. (currently amended) The battery of claim 1, wherein the said mandrel includes comprises titanium or an alloy of titanium thereof.

10.-65. (canceled)

66. (currently amended) The battery of claim 1, wherein the said mandrel is crimped to the said pin.

67. (new) The battery of claim 20, wherein the mandrel includes a tube.

68. (new) The battery of claim 67, wherein the pin is positioned in an interior of the tube.

69. (new) The battery of claim 1, wherein the mandrel has a c-shaped cross-section.

70. (new) The battery of claim 1, wherein a portion of the first electrode strip is positioned between the mandrel and the pin.

71. (new) The battery of claim 1, wherein the mandrel is fitted around the pin such that the first electrode strip and the second electrode strip are wound around the mandrel.